

What is Claimed is:

1. A circuit breaker comprising:  
a housing;  
separable contacts within said housing;  
an operating mechanism for opening and closing said separable contacts;  
  
means for providing a first output when said separable contacts are open and a second output when said separable contacts are closed;  
a first indicator cooperating the first output of said means for providing, said first indicator being illuminated when said separable contacts are open; and  
  
a second indicator cooperating the second output of said means for providing, said second indicator being illuminated when said separable contacts are closed.
2. The circuit breaker of Claim 1 wherein said means for providing is an auxiliary switch cooperating with said operating mechanism, said auxiliary switch including said first output and said second output.
3. The circuit breaker of Claim 2 wherein said auxiliary switch is a micro-switch including an operating member cooperating with said operating mechanism, a common terminal, a normally open terminal providing said first output and a normally closed terminal providing said second output.
4. The circuit breaker of Claim 3 wherein the common terminal of said micro-switch is adapted to receive a voltage from a power supply external to said circuit breaker.
5. The circuit breaker of Claim 1 wherein said means for providing is an auxiliary switch cooperating with said operating mechanism, said auxiliary switch and said first and second indicators including terminals which are adapted to be energized from a power supply external to said circuit breaker.
6. The circuit breaker of Claim 1 wherein said first indicator is a first LED; and wherein said second indicator is a second LED.
7. The circuit breaker of Claim 1 wherein said first indicator has a first color; and wherein said second indicator has a second different color.

8. The circuit breaker of Claim 7 wherein said first color is green; and wherein said second color is red.

9. The circuit breaker of Claim 1 wherein said first indicator is a first LED; wherein said second indicator is a second LED; and wherein said first and second LEDs form a dual LED package.

10. The circuit breaker of Claim 9 wherein said means for providing is an auxiliary switch having an operating member cooperating with said operating mechanism, a common terminal, a normally open terminal providing said first output and a normally closed terminal providing said second output.

11. The circuit breaker of Claim 10 wherein said first LED includes a first anode and a first cathode; and wherein said second LED includes a second anode and a second cathode, which is electrically connected to the first cathode of said first LED.

12. The circuit breaker of Claim 11 wherein the first and second cathodes are electrically connected to a resistor, which is adapted to be electrically interconnected with a common of a power source external to said circuit breaker.

13. The circuit breaker of Claim 11 wherein the first anode of said first LED is electrically connected to the normally open terminal of said auxiliary switch; and wherein the second anode of said second LED is electrically connected to the normally closed terminal of said auxiliary switch.

14. The circuit breaker of Claim 11 wherein the common terminal of said auxiliary switch is adapted to receive a voltage from a power supply external to said circuit breaker.

15. The circuit breaker of Claim 1 wherein said housing includes an opening; wherein said operating mechanism includes an operating handle operating said operating mechanism, said operating handle including a first portion extending through the opening of said housing and a second portion within said housing; and wherein said means for providing is an auxiliary switch having an operating member cooperating with the second portion of said operating handle.

16. The circuit breaker of Claim 15 wherein the second portion of said operating handle engages the operating member of said auxiliary switch in the

open position of said separable contacts and is disengaged from the operating member of said auxiliary switch in the closed position of said separable contacts.

17. The circuit breaker of Claim 1 wherein said housing is a case including an opening.

18. The circuit breaker of Claim 17 wherein said first indicator is a first LED; wherein said second indicator is a second LED; and wherein said first and second LEDs form a dual LED package, which protrudes through the opening of said case.

19. The circuit breaker of Claim 17 wherein at least one of the first and second indicators is an LED, which protrudes through the opening of said case.

20. The circuit breaker of Claim 1 wherein said operating mechanism includes a trip unit; wherein said separable contacts include an open position, a closed position and a tripped open position; and wherein said means for providing provides said first output for the open and tripped open positions of said separable contacts, and provides said second output for the closed position of said separable contacts.